

BIOMER[®] 100 E

TECHNICAL INFORMATION

- Chemical description:** Biodegradable water-based wax emulsion
- Applications:**
- Water-based paints, coatings and printing inks
 - Water-based lubricant and release agent
 - Finishing auxiliaries for textiles, paper and leather
 - Care products (polishes)
 - Hotmelts
- Properties:**
- Increased slip and scratch resistance
 - Outstanding abrasion resistance
 - Increase of surface gloss and surface smoothness
 - Very good blocking resistance and water repellency
 - Reduced coefficient of friction
 - Anti-caking additive for thermoplastics
 - High hardness
 - VOC free, APEO free, Formaldehyde free
- Biodegradability:**
- BIOMER[®] 100 E is biodegradable according to the test method OECD 301 B
- Processing:**
- Stir well before usage
 - Consume quickly after opening
- Storage, shelf life:**
- Store at temperatures between +5 °C and +28 °C
 - Shelf life 6 month in closed original container,
 - Avoid frost

Technical data:

Colour: White milky
Form of delivery: Liquid
IBC 1,000 kg, Drum 200 kg, Canister 10 kg



	Minimum	Maximum	
Drop point (solid):	100 °C	113 °C	LV 12 (DGF M-III 3)
Average particle size:	200 nm	500 nm	LV 15 ISO 13320
Solid content*:	34 %	36 %	LV 6
Viscosity (23°C):	20 mPas		
Emulsifier system:	non-ionic		
pH-value*:	9.0	10.0	LV 10 DIN ISO 976

* part of certificate of analysis

Alternative Products:

BIOMERE – range of melting point from 60°C to 140°C
See www.DEUREX.com/products